

**REMARKS**

Claims 1-6 are pending in this application. By this Amendment, claims 1-3 are amended for clarity. No new matter is added by this Amendment. In particular, claims 1 and 2 are amended to more clearly describe that the data input is provided to multiple shift registers. The amendments to claims 1 and 2 do not constitute new matter as the amendment to these claims merely further clarify that the arguments previously submitted are commensurate with the claims. The amendments to claims 1 and 2 are made in accordance with paragraph 3 on pages 2-3 of the October 12 Office Action. Claim 3 is amended to cure an informality, as suggested by the Examiner.

Thus, entry of the amendments is proper under 37 CFR §1.116 since the amendments: (a) place the application in condition for allowance for the reasons discussed herein; (b) do not raise any new issue requiring further search and/or consideration as the amendments amplify issues previously discussed throughout prosecution; (c) satisfy a requirement of form asserted in the previous Office Action; (d) do not present any additional claims without canceling a corresponding number of finally rejected claims; and (e) place the application in better form for appeal, should an appeal be necessary. The amendments are necessary and were not earlier presented because they are made in response to arguments raised in the final rejection. Entry of the amendments is thus respectfully requested.

**I. Allowable Subject Matter**

Claim 3 was objected to for an informality. No rejection of claim 3 on the merits has been made. Claim 4 depends from claim 3 and has not been objected to or rejected. Thus, because the objection to claim 3 is overcome for the reasons described below, claims 3 and 4 are in condition for allowance.

**II. Claim Objection**

Claim 3 is objected to because "a spreading-code sequence" should be "the input data." Applicant amends claim 3 as suggested by the Examiner. Withdrawal of the objection is requested.

**III. Claim Rejections**

Claims 1, 5 and 6 are rejected under 35 U.S.C. §102(b) over U.S. Patent No. 5,946,344 (Warren); and (2) claim 2 is rejected under 35 U.S.C. §103(a) over Warren in view of U.S. Patent No. 5, 381,455 (Ovens). These rejections are respectfully traversed.

These claim rejections are exactly the same as the rejections previously made by the Patent Office in the prior Office Action. The Office Action asserts that the arguments previously presented to traverse these rejections are not persuasive because they are not commensurate with the claims. For example, the Office Action acknowledges the previous argument that Warren does not receive data that is input to both divided shift registers. However, the Office Action notes that claim 1 recites a plurality of shift registers and claim 2 recites a first and second shift register, but neither claim 1 or claim 2 recite that the data input is provided to multiple shift registers. Applicant respectfully disagrees.

Specifically, Applicant disagrees because the data input being provided to the multiple shift registers is inherent in the claims. Nonetheless, in order to expedite allowance of the application, Applicant herein amends each of claims 1 and 2 to further clarify that the data input is provided to multiple shift registers. For example, claim 1 is amended to recite, "the data input being provided to the plurality of shift registers"; and claim 2 is amended to recite "the n-stage shift register being divided into first and second shift registers to which the input data is input."

As acknowledged by the Patent Office, Warren does not receive data that is input to both divided shift registers. Furthermore, Ovens fails to cure this deficiency. For at least the

foregoing reasons, the rejections are overcome and claims 1 and 2, as well as the claims depending therefrom, are in condition for allowance.

Withdrawal of the rejections is requested.

**IV. Conclusion**

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the pending claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Date: November 30, 2005

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